

REMARKS

Status of Claims

Claims 1 – 36 were original in the application. Claims 37 - 45 were previously added. Claims 2 – 10, 14 – 24, 26, 29, 31 - 36 and 38 - 45 have been cancelled.

Claims 1, 11 – 13, 25, 27, 28, and 37 have currently been amended. Claims 1, 11 - 13, 25, 27, 28, 30 and 37 are submitted for allowance.

Rejection Pursuant to 35 USC 112

Claims 11, 12, 28, and 30 were rejected under 35 U.S.C. 112, first paragraph. The Examiner contends that a negative restriction of a MCrAlY without the inclusion of other metallic alloys is unsupported by the specification and that the mere absence of a positive recitation is not basis for an exclusion.

The negative limitation was not directly a part of 11, 12, 28, and 30 claims. The claims have been further responsively amended to meet the requirements of section 112, second paragraph.

Claims 11, 12, 28 and 30 were found distinguished by the Examiner over the references. These claims have been amended to stand in independent form.

Rejection Pursuant to 35 USC 102(e)

The Examiner's rejection included a rejection of claims 1, 13, 25, 27, and 37 as disclosed by Hebsur ' 725 (col. 3, line 30).

The Applicant respectfully disagrees with the Examiner's reading of Hebsur ' 725

and contends that the Hebsur '725 has been incorrectly interpreted. The "conditions" referenced in Hebsur '725 at col. 3, line 30, clearly refer to the *cyclic oxidation tests* being discussed and in no sense disclose how the CoCrAlY bond coat was synthesized. It is not a fair reading to read into this reference other inferences concerning how the CoCrAlY bond coat was synthesized. It is only fair and far more reasonable to understand that the CoCrAlY bond coat which is referenced at col. 3, line 30, is the same prior art bond coat referenced at col. 1, line 24, made by conventional melting techniques and conventional milling of powders as referenced at col. 2, lines 33 – 43, rather than the cryomilling synthesis attributed to the inventive process disclosed as the claimed invention in Hebsur '725 for synthesizing the NiAl-CoCrAlY-AlN intermetallic alloy system of the Hebsur '725 claims. Hebsur '725 does not disclose the process or metallic system of claims 1, 13, 25, 27, and 37 in a metallic system consisting substantially of MCrAlY alloy.

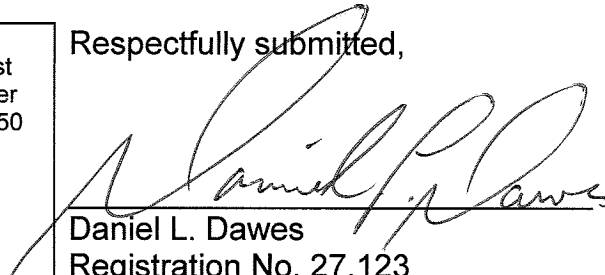
Applicant respectfully requests advancement of the claims to allowance or entry of the amendments as placing the claims in a better form for appeal.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 5, 2007 by

Signature

June 5, 2007

Respectfully submitted,


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